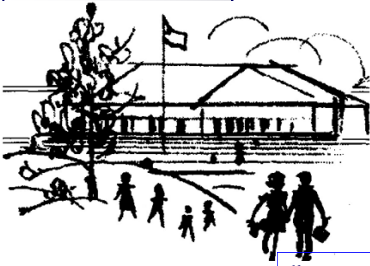


February 2017

Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 13, Issue 2

"Providing Quality Service and Support to Graham County Schools"

Please visit our website

www.graham.az.gov

Superintendent's Message

January was cold, but it didn't stop our teachers and students from participating in their activities. Our 2nd, 3rd, 4th and 5th grade Rodel math teachers were off and running, learning new strategies and collecting their new manipulatives.

Thanks to the staff at Discovery Park, several participating businesses and Freeport-McMoRan employees, local girls were treated to a full day of Science, Technology, Engineering and Math (STEM) activities. The girls spent a day with professional women in the STEM field and participated in a variety of activities designed to help further their knowledge and interest in higher education and STEM careers. It was a very successful day.

This month is chock-full of opportunities for students, teachers and families. I encourage everyone to attend the 3rd annual Gila Valley Health and SciTech Festival at EAC and Discovery Park on Feb. 25th. There will be dozens of free opportunities for every age group, all revolving around STEM. Participants will pick up a "passport" and after visiting most of the stations, they will become eligible for some fantastic prizes including a drone, an iPad, and much, much more. See pages 10-12 for details! Celebrate Statehood this month and of course, Valentine's Day!

Contact us:

Donna McGaughey
Superintendent
921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824

dmcgaughey@graham.az.gov

Jill Davis, Chief Deputy
jdavis@graham.az.gov

Nola Knight Deputy
nknight@graham.az.gov

Online Registration:
www.graham.az.gov

Click on:

School Superintendent,
Workshops

Dates to Remember:

- Feb. 2— FBLA Regionals at EAC
- Feb. 10—Rodel Math 20/20 for grade 2 teachers
- Feb. 15—Graham County Spelling Bee
- Feb. 20—Presidents' Day
- Feb. 24—Rodel Math 20/20 for grade 5
- March 6—Rodel Math Admin. meeting
- March 13-17—Spring Break Graham Co.
- March 29—Rodel Math 20/20 for grade 5
- March 30—Rodel Math 20/20 for grade 2

Save the Date!

The Southeast Arizona Teachers' Academy—SEATA—will be held June 5-8, 2017

Save Your Seat at SEATA

Preregistration instructions will be announced later this month, so look for the email coming from your principals.

2017 Graham County Spelling Bee Information

Important Dates to Remember:

December 1, 2016—January 16, 2017 Schools must hold school bees on or before January 16, 2017, to be included in the next level of competition.

January 31, 2017—District bees must be held by this date.

February 1, 2017—Send winner names to the Graham County School Office.

February 15, 2017—**Graham County Spelling Bee**

March 3, 2017—County winners' bios and photos are due to AEF by this date.

March 25, 2017—The Arizona State Spelling Bee will be held at 1:00 p.m. at Arizona PBS.

June 1, 2017—Scripps National Spelling Bee will be held in Washington, DC.



Commonly Misspelled Words

proof
psychology
quantity
quarter
quiet
quit
quite

realize
receive
recognize
recommend
reference
religious
repetition
restaurant

rhythm
ridiculous
sacrifice
safety
scissors
secretary
separate

shining
similar
sincerely
soldier
speech
stopping
strength
studying

succeed
successful
surely
surprise
temperature
temporary
through

toward
tries
truly
twelfth
until
unusual
using
usually

village
weird
welcome
whether
writing

Common grammatical errors:

Good vs. well
Everyone / Every one
Two, too, to
They're, their, there
You're vs. your
It's vs. its



Submitted by Nette Griffin
FTF Community Outreach Coordinator

Four tips to help prevent tooth decay in Arizona's young kids

February is National Children's Dental Health Month

February is National Children's Dental Health month, which promotes the benefits of good oral health. Left untreated, tooth decay in young children's primary teeth puts them at risk for future problems like damaged permanent teeth; increased vulnerability to infections in other parts of the body, such as the ears, sinuses and the brain; and, impaired speech development, and reduced self-esteem.

"Tooth decay is the most common chronic disease faced by young children," said Joe Fu, First Things First's Senior Director for Health. "It is also 100 percent preventable."

Even though more and more toddlers and preschoolers are making that important first visit to the dentist's office, challenges remain. According to a First Things First study, conducted in partnership with the Arizona Department of Health Services, 52 percent of Arizona's kindergartners have experienced tooth decay compared with 36 percent of 5-year-old children nationally.

FTF offers these tips for families of babies, toddlers and preschoolers:

1. Clean your child's teeth: When your baby's first teeth come in, brush them after each feeding, especially before bedtime. Use a soft toothbrush and a rice-sized amount of fluoride toothpaste. When your child turns 3, you can use a pea-sized amount of fluoride toothpaste.
2. Prevent baby bottle decay: Don't put your baby to bed with a bottle at night or at nap time. The sugar in milk, formula, juices and soda can cause tooth decay. Beginning at 6 months, give your child water to drink to help keep their mouth clean and healthy.
3. Serve healthy food and snacks: Sugary and sticky foods cause tooth decay, so give your child fruits, vegetables or cheese instead.
4. Take your child to the dentist: By baby's first tooth or first birthday, take them to the dentist to check that their mouth, gums and teeth are healthy.

###



STEM = Integration & Innovation Unconference

**Saturday
February 4, 2017
8:00 a.m.—12:30 p.m.**

Keynote: Dr. Matt Mars

**Assistant Professor, Agricultural Leadership and Innovation
Director of Graduate Studies
Department of Agricultural Education
The University of Arizona**

Innovation is a broadly defined term that is open to a wide range of applications depending on setting and context. One particularly promising trend in education is the application of innovation principles and practices to community-based and experiential learning. The opening to this unconference will explore opportunities and strategies for using innovation as a tool for enhancing problem-based, “hands on” instructional models in science education.

Register at a location near you: Eastern Arizona College, Flagstaff, Phoenix, Tucson, Yuma

Cost is only \$15.00* a great value for inspiring and useful professional development that directly relates to instructional practice. To register:

<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07edje7gdb32d13ec9&oseq=&c=7c676bb0-2994-11e6-b5f3-842b2b5261ac&ch=7c886130-2994-11e6-b5f3-842b2b5261ac>

*The \$15 fee will be covered by a grant from the National Science Foundation. Instruct teachers to click on the Pay at the Door when they register so that the grant will cover the cost. I will maintain a list of those that attend the conference and will pay the registration fee.

The best of ***By Teachers For Teachers***



Look what the good folks at E.A.S.I. have planned for you!



WordItOut

All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let all new teachers know about the wonderful opportunities gained by joined E.A.S.I.! It's easy!

2016 -2017 EASI Camps and Events Calendar:

Sat. Feb. 4	ASTA Un-Conference @ EAC	M-Th Jun. 5-8	Southeastern AZ Teachers Academy
Wed. Feb. 8	February EASI Meeting	M-W Jun. 12-14	EASI Summer Science Camp – Grade 6-9
Sat. Feb. 11	Middle School Saturday Science Camp	M-F Jun. 19-21	High School Science Camp – Grade 8-12
Sat. Feb. 25	Gila Valley Health & Science Festival		
Wed. Mar. 8	March EASI Meeting	Wed. Aug. 9,	August EASI Meeting
Sat. Mar. 11	E. A. Regional Science Fair Competition	Wed. Sep. 13	September EASI Meeting
Sat. March 25	Professional Development Workshops	Wed. Oct. 11	October EASI Meeting
Wed. Apr. 12	April EASI Meeting	Wed. Nov. 8	November EASI Meeting
Wed. May. 10	May EASI Meeting	Wed. Dec. 13	December EASI Meeting
Tue. May 30-June 1 Tonto Creek STEM Camp Grade 7-10 (partnership with EAC)			

Contact Jackie Madsen at Jackie.madsen@eac.edu
Or call the EAC Discovery Park Campus at 928-428-6260



EASTERN ARIZONA SCIENCE INITIATIVE

7TH & 8TH GRADE

FREE SATURDAY SCIENCE CAMP

With EGGS!!



Saturday, Feb. 11, 2017

9:00am to Noon

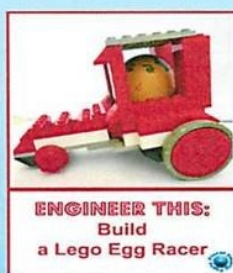
EAC Discovery Park Campus – Ranch House!

We will do all hands-on experiments with Newton's "3 Laws" using eggs... one wrong move and

*"Egg-citing
World of Physics!"*



- *Protect your egg from inertia - padding in a zip-lock bag... and DROP it!*
- *Build a Lego car to zoom your egg down a track... SAFELY!*
- *Shoot your egg 100' in a rocket... and bring it back to Earth...in ONE piece!*



Are you up to the Challenge?!?

To Register to attend:

Contact Jackie Madsen at: jackie.madsen@eac.edu

Or call the EAC Discovery Park Campus at (928) 428-6260

Space is limited for the Camp – Register SOON!





EASTERN ARIZONA SCIENCE INITIATIVE

2017 E.A.S.I. Regional Science Fair

- All Graham/Greenlee County and Southeastern Arizona school districts and Charter Schools are invited to participate.
- 3 levels: 5th & 6th Grades, 7th & 8th Grades, and High School levels.
- 3 categories: Earth Science / Life Science / Physical Science (selected by EASI judges)
- Each school will conduct their own Science Fair competition, and the 1st place and 2nd place winning projects in each of the three categories; Earth, Life, and Physical Science, are invited to compete with their project at the Regional Science Fair. Each school may have no more than six (6) total projects entered.
- 1st, and 2nd Place Winners in each category will receive trophies, place ribbons, and participation certificates. 3rd Place and Honorable Mention winners will receive place ribbons and participation certificates.
- 1st Place Winners in each category will receive a full tuition scholarship to attend the *2017 EASI Summer Science Camp* hosted by *EAC Discovery Park Campus* (June 12–14 for 6th -8th Grade), and *Geology Explorations Camp* at the *EAC Main Campus* (June 19- 21 for High School winners).
- Best Overall winners in grade level will receive an electronic tablet (one for 5th & 6th Grade, one for 7th & 8th Grade, and up to three for high school teams).
- All projects will be judged by members of the Morenci Chapter of the Society of Mining, Metallurgy and Exploration.
- Displays must be delivered and set up at Discovery Park Campus on Thursday, March 9th.
- Judging will be completed on Friday, March 10th (8:00 a.m. to 1:00 p.m. - Closed to the public). Open viewing at the EAC Discovery Park "Circle D" Ranch House on:

Thursday, March 9th from 3:00 p.m. – 5:00 p.m.
Friday, March 10th from 3:00 p.m. – 5:00 p.m.
Saturday, March 11th from 3:00 p.m. – 6:00 p.m.

2017 E.A. Regional Science Fair Awards Ceremony

EAC Discovery Park Campus – Ranch House
Saturday, March 11th 5:00 p.m.

**For more information, contact Jackie Madsen at Jackie.madsen@eac.edu
or call 928-428-6260**



STUDENT LOAN FORGIVENESS PROGRAM

for

GOVERNMENTAL, NONPROFIT & PUBLIC SERVICE EMPLOYEES

*Provided through a partnership with the Association of Educational Service Agencies
and Innovative Student Loan Solutions*

DID YOU KNOW...



Average student loan debt for undergraduates = \$26,000

A Master's Degree = \$26,500

Cost of attending college has increased 439% since 1982

46% of student loans are in default



The AACSS Program lifts the burden of student loans We can help your employees save an average of \$600 a month on their student loan payments and help them achieve an average of \$60,000 in loan forgiveness!

FOR EMPLOYERS

New voluntary benefit for employees
Enhance recruitment
Increase retention rates
Zero cost to implement

FOR EMPLOYEES

Immediately reduce monthly payments
Eliminate student loan balance
No cost, no obligation consultations
Personalized 10-year plan

The Public Service Loan Forgiveness (PSLF) Program ...

Established by Congress through the College Cost Reduction & Access Act of 2007 and enhanced in 2009 and 2012 to encourage individuals to enter public service jobs.

The PSLF Program provides benefits the

Teacher Loan Forgiveness Program doesn't ... **No cap** on loan balance forgiven

All public employers qualify

All full-time employees are eligible

Immediate benefit with loan forgiveness after 10 years of service

How it works...

1. AACSS provides easy-to-share information to governmental, nonprofit and public service employers throughout Arizona.

2. Interested employees click... <https://aacss.myisls.com>, or Scan QR Code:

Enter Registration Code **AACSS**, call 1.866.831.5564

or email: advisor@isloansolutions.com





Wednesday, February 22, 2017

As a kick off to the Gila Valley Health and Science Festival at EAC,
Arizona State University is presenting a STEM mini conference.

This event will be held at EAC—AP Building from 5:30 p.m. – 8:00 p.m.

Tentative schedule:

5:30 – 5:50 Welcome, Introductions and format of evening

6:00 – 6:50 Session 1 participants will choose one interactive workshop to attend

7:00 – 7:50 Session 2 participants will choose another interactive workshop to attend

Presenters:

ASU professors from the following departments:

Environment

Engineering

Coding

Early Childhood

Technology

In addition, Freeport-McMoRan will be presenting

The event is tailored for Parents/Teachers/ High School students
who have an interest in STEM

Refreshments and door prizes will be provided!



Gila Valley Health & Science Festival

Spread the Word! It's free, it's for the whole family, and in addition to great science activities, you can win prizes!

February 24-25, 2017

7:00 AM – 11:00 AM

1. **Health Screenings, Blood Draws, Vendor Showcase and all traditional Mt. Graham Regional Medical Center Health Fair Activities** – Gherald L. Hoopes Jr. Activities Center
2. **EAC Art Exhibit** - Gherald L. Hoopes Jr. Activities Center
3. **Information Booth** - Gherald L. Hoopes Jr. Activities Center Patio
4. **Helicopter** – Lawn outside the Gherald L. Hoopes Jr. Activities Center
5. **Gila Valley Farming Technology** – Bill Brandau/Cindy Pearson – U of A Cooperative Extension

Additional Activities Saturday, February 25, 2017

9:00 AM – 1:00 PM

1. **The Rock of Ages Run Against Type I Diabetes** - Registration will open at 7:30 in the John Mickelson Stadium parking lot with the mile fun run beginning at 8:00 and the 5K beginning at 8:30.
2. **Chalk Art** – Walkway south of the Gherald L. Hoopes Jr. Activities Center – Kenny Rhodes
3. **Food Court** - Gherald L. Hoopes Jr. Activities Center West Parking Lot, East Parking Lot, and by the Canal
4. **Rolling River Floodplain** – Bill Brandau/Cindy Pearson–UofA Cooperative Extension/Gila Watershed Partnership – West Parking Lot
5. **Leaky House Water Conservation** - City of Safford/UofA Cooperative Extension/Gila Watershed Partnership – West Parking Lot
6. **Haul Truck Simulator** – FreePort-McMoRan – West Parking Lot
Experience the thrill of driving a large haul truck.
7. **Rope Bride** – Dennis Griffin and Shawn Wakefield – Grass area west of the Volleyball Court
minutes to build a rope bridge between two trees and get at least 2 members of the patrol across the bridge. Points will be awarded based on accuracy of knots, design, and completion of activity. This one will be a lot of fun.
8. **Thermite/Elephant Toothpaste** – Joel Shelton – Sand Volleyball Court
Colorful and spectacular heat-producing reactions. Alternating every 15 Minutes starting at 9:00 AM
9. **Ambulance and CPR Demonstrations** – Evelyn Hallford – NC-8
Take a tour of the ambulance, become aware of accidental trauma, and maybe learn some CPR.
10. **Technologies used in Monitoring the Quality of Arizona's Water** – Dave Henson – Canal
Come see how STEM practices have advanced techniques used to determine the chemical and physical properties of Arizona's ground and surface waters, including our wells and the water that we drink. Sponsored by Dave Henson and students of EAC Bio 295/Undergraduate Biological Research.
11. **Trebuchet** – Tom Palmer – Lawn area west of the Math/Science Building
Learn engineering skills using a custom *trebuchet* machine to launch projectiles in a challenge that will test distance, accuracy and power!
12. **Theatre Improv Activity** – Lawn area west of the Math/Science Building – Tyson Lund and Talia Thurber. Join the EAC Drama Club for a fun round of improvisation games and acts. Use your imagination and creativity to play interesting characters and apply them to science too!

(List of activities is continued on the next page.)



Gila Valley Health & Science Festival

Spread the Word! It's free, it's for the whole family, and in addition to great science activities, you can win prizes!

Additional Activities Saturday, February 25, 2017 (continued from page 17)

9:00 AM – 1:00 PM

- 18. Bowling Ball/Truck Tire Pendulum** – Madhuri Bapat – On tree west of the Math/Science Building
Explore physics concepts with a bowling ball swing.
- 19. Knockerball** – Madhuri Bapat – Open Lawn west of the Math/Science Building. A KnockerBall™ is an inflatable ball with a single chamber that incorporates inner handles and adjustable shoulder straps. Explore collisions in a safe but fun way.
- 20. Impairment Goggles Go-Kart Course Challenge** – Math/Science Building Parking Lot–Rosa Contreras
Students have the opportunity to ride pedal carts while wearing "drunk goggles." This activity is designed to inform students about alcohol/Prescription drug impairment and discourage driving under the influence.
- 21. Rollover Simulator – Department of Public Safety (DPS)** – Math/Science Building Parking Lot – Trooper Braden McBride Simulate a rollover accident and learn the importance of seat belt safety.
- 22. Virtual Welder** – Carlton Penn – NC-1
Simple welding techniques will be demonstrated
- 23. Green Screen Video** – Bruce Warner and Glen Cassetta – NC-1
Green Screen Video
- 24. Early Childhood Lab** - Paulette LeBlanc –MS-316
For ages 2-7. Young scientists will explore the properties of magnets, color and changes to liquids. This lab is sponsored by Freeport-McMoRan, Inc. and Arizona Science Center.
- 25. Fighting Pathogens and Sickness** – Willis Haws – MS-412
Find out how hand washing, a technique that we need to do better on, can stop the spread of pathogens and sickness.
- 26. Aaron's Animals** – Aaron Burk – MS-420
Visit our live Gila Monster Mascot and other interesting animals.
- 27. Tree Ring – University of Arizona** – MS-203
- 28. Milk Kaleidoscope** – Khrystyl Best – MS-401
Create a kaleidoscope with milk and soap. Discover which milk is better for the heart.
- 29. Paper Balancing** – Eastern Arizona Science Initiative – MS-402
Explore the center of gravity and make your own balancing paper objects.
- 30. Casting Blood in Another Light** – Carolyn McCormies and Shalay Haynie – MS-404
Draw blood from a mannequin and create a finger cast as you learn some exciting nursing skills.
- 31. Silvering Bottles and Christmas Ornaments** – Joel Shelton – MS-407
Mix chemicals to create a beautiful silver bottle or ornament.
- 32. The Rock Cycle** – Tammy Gillespie – MS-312
What is that we feel under our feet? What can we do with it and where would we be without it?
- 33. Rangolee Art** – Madhuri Bapat and Harriet Dodge – MS-105
Demonstrate your creative talents as well as apply math in an artistic way.
- 34. Color Coding with Ozobots – Arizona State University iTeachAZ** – MS-105 - Angelia Linder
- 35. 3-D Imaging– University of Arizona** – MS-103
- 36. 3-D Printing and Laser Engraving– Nate McCray and Dorian Nelson** – MS-103
Learning about 3D printing and laser engraving and possibly even print or engrave your own item.
- 37. Robotics – University of Arizona** – MS-101

North Campus Chemistry Demonstrations in Math/Science 108/311

9:00, 11:00 and 1:00 Chemistry Magic Show – Watch chemistry come alive with exciting demonstrations

Gila Valley Health & Science Festival

Spread the Word! It's free, it's for the whole family, and in addition to great science activities, you can win prizes!

Additional Activities Saturday, February 25, 2017 (continued from page 18)

Discovery Park Campus Schedule 3:00 p.m.—6:00 p.m.

1. Remote Control Cars
2. Drone Demo
3. UV Bracelets
4. Electrostatic Generator Demo
5. Musical Performances
6. Rockets
7. Pre-K Fun
8. Owl Pellets
9. Obstacle Course
10. Go Pedals
11. SETI Scope
12. Erosion demo in the Greenhouse



After Dark Activities (6:00 – 8:00 PM)

Lasers Demo
Shuttle Rides
Stargazing from 5 different telescope sights

PRIZES – Receive 10 stamps on your PASSPORT and enter to win one of the any prizes listed below. You need not be present to win. All ages are welcome to participate.

Apple iPad
GoPro Camera
RC Quadcopter Drone
VR Goggles
Arduino Hardware and Software Circuit Board
Snap Circuit Jr. Board
RKT Stomp Rocket
Kinetic Sand
Medieval Catapult
Salt Water Car
Model Rocket
Additional prizes

Attend numerous Arizona SciTech Festivals and win additional prizes. For more information go to <http://azscitech.com/passport>.



**CHILDREN'S LITERATURE, ECON, GEOGRAPHY
FOR ELEMENTARY TEACHERS**

PROFESSIONAL DEVELOPMENT WORKSHOP

Teaching Elementary Economics and Geography
Through Children's Literature

Safford, Arizona

For Elementary Teachers, K-5

March 8, 2017

This is an early-bird notice of our upcoming workshop in your area. Children's literature is full of economics and geography concepts that students can absorb easily. (We may sneak in some history too). Join us for a half-day workshop. We will do lessons around several great children's books, and we will send you home with a copy of one of the books for your classroom.

When: Wednesday, March 8, 2017, 1:00-4:30 p.m.

Where: Graham County General Services Building, 921 W Thatcher Blvd., Safford

Cost: None!

There is no fee for attendance or materials, but you must pre-register.

Register online at:

<https://oe.e.eller.arizona.edu/programs/current>

A joint offering of the University of Arizona Office of Economic Education and the Graham & Greenlee County Superintendents of Schools, with underwriting from the Thomas R. Brown Foundation.

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

New lesson!

Water Conservation for Young Children

Description: In this lesson, students will read, listen to, and discuss information from various sources on water conservation. They will then commit to one way that they will conserve water in their everyday lives. This lesson includes strategies for diverse learners (ELLs).

Author: Gale Olp Ekiss and Julie Letofsky

Grade Range: 1-2

Duration: 1-2 class periods

[Teacher Instructions](#)

[Student Worksheets, Assessments, and Answer Keys](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#)

Other materials that might be helpful:

[USGS Water Cycle for Students](#)

[USGS Water Science Photo Gallery](#) (water visualized on land, in the air, water use, satellite views of water, water in the ground, measuring water.

New lesson!

The Transcontinental Railroad: How Did It Change American Society and Environment?

Description: In this lesson, students will use readings and maps to discuss the technology that was used to build the Transcontinental Railroad and then calculate the amount of money each railway company received. The Essential Question that will be answered is: How do human actions change American society and the environment? This lesson includes strategies for teaching diverse learners

Author: Victoria White **Grade Range:** 7 **Duration:** 3 class periods [Teacher Instructions](#)

[Student Worksheets, Assessments, and Answer Keys](#)

Supplemental Files: [Map \(teacher\) – The Pacific Railroad Route \(1863-1869\)](#) [Map \(student\) – The Pacific Railroad Route \(1863-1869\)](#) [Map -- National Park Service map of Transcontinental RR](#) [Map -- National Park Service map of Transcontinental RR \(last page\)](#) **Materials to Assist Teachers and English Language Learners:**

[Vocabulary Cards](#) [Vocabulary Test & Answer Key](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Inferno Arizona

Description: In this lesson, the students will learn about the 2002 Rodeo-Chediski fire in Arizona. The student will learn information about the fire, the physical geography of the area, the habitats threatened by the fire, the communities in the area of the fire, as well as some of the strategies used to fight the fire. Students will participate in a simulation of fighting the wildfire. Afterward, they will reflect on what policies should be made to best prepare for the incidence of wildfire in Arizona and reduce the risks to both human and wildlife habitats. This lesson includes strategies for teaching diverse learners.

Author: Amethyst Hinton Sainz

Grade Range: 7

Duration: 3 class periods

Teacher Instructions

Student Worksheets, Assessments, and Answer Keys

[Pass-Around Cards Materials](#) [Role Cards & Table Tents](#) [Inferno Arizona PowerPoint](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#) [Vocabulary Test & Answer Key](#)

Other materials that may be useful:

[NASA images – wildfires in SE US](#) [NASA Active Fire Data \(whole earth\)](#)

New lesson! Featured at GeoConference 2016

Where in the World is Ryan? Practicing Latitude & Longitude

Description: In this lesson the students will identify the difference between relative and absolute location and practice locating places in the world using a set of cards and a world map.

Author: Janet Deppe

Grade Range: 5

Duration: 2 class periods

Teacher Instructions

Student Worksheets, Assessments, and Answer Keys

[Map: Where in the World is Ryan?](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#)

[Vocabulary Test & Answer Key](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

New lesson!

Satellites, Orbits and Space Junk

Description: In this lesson, the student will analyze the benefits and hazards associated with objects which have been placed into the three kinds of Earth's orbits. They will construct a map to locate the three orbits and plot the objects located there. They will then gather information about the consequences of having humans modify space. This lesson includes strategies for teaching diverse learners.

Author: Alison Oswald Keene

Grade Range: 7

Duration: 2 class periods

[Teacher Instructions](#)

[Student Worksheets, Assessments, and Answer Keys](#)

[Earth in Space Map worksheet](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#)

[Vocabulary Test & Answer Key](#)

New lesson!

Cinderella Around the World & The Five Themes of Geography

Description: In this lesson, students will explore the places and regions around the world through multicultural Cinderella Stories. While reading the stories, students will not only review literary elements of traditional literature, they will identify the five themes of geography. They will then complete additional research to present their Cinderella stories through a visual representation of the story and its country of origin. This lesson includes strategies for diverse learners (ELLs).

Author: Karen Guerrero

Grade Range: 6

Duration: 3 class periods

[Teacher Instructions](#)

[Student Worksheets, Assessments, and Answer Keys](#)

Materials to Assist Teachers and English Language Learners:

[Vocabulary Cards](#)

[Vocabulary Test & Answer Key](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Resources

10 Children's Books – Mapping

http://juliedillemuth.com/1/post/2015/11/map_books.html

Organized by Julie Dillemuth, author, for Geography Awareness Week 2015 – *Explore! The Power of Maps*. Here are her Top Ten Books (for 4-8 year-olds) with Mapping Concepts and Themes. Each title is linked to its page on Goodreads, and the list as a whole is also available on my Goodreads page.

NASA Summer Institute -- Liftoff 2017: Starry Night

<http://www.tsgc.utexas.edu/liftoff/>.

Registration is now open for the 2017 LiftOff Summer Institute, sponsored by NASA's Texas Space Grant Consortium. This weeklong professional development training for teachers will be held June 26-30, 2017, at NASA's Johnson Space Center in Houston. This competitive aerospace workshop emphasizes STEM learning experiences through speakers, hands-on activities and field investigations.

The theme for this year's institute is "Starry Night." The event will focus on NASA missions studying our sun and the solar system to unravel mysteries about their origin and evolution. The total solar eclipse of 2017 will be highlighted.

Attendees must be U.S. citizens currently employed as classroom teachers of grades 4-12 with at least one year teaching experience prior to the institute. Texas Space Grant pays all expenses for any selected Texas teacher. Other Space Grant Consortia fund teachers from their states. **Applications are due April 14, 2017.** If you have questions about the 2017 LiftOff Summer Institute, please email your inquiries to Margaret Baguio at baguio@tsgc.utexas.edu.

Every Kid in a Park

<http://everykidinapark.org/> To learn more, and to get a free pass for your fourth grader. President Obama's commitment to protecting our natural treasures and ensuring all Americans have the opportunity to experience our great outdoors, the program which gives **fourth graders and their families free access to all of America's public lands and waters for a full year** has been extended for the next five years.

SWIFT Weather Camp

<http://swiftweathercamp.com/>

ASU School of Geographical Sciences & Urban Planning, Tempe | June 5-9, 2017

National program for self-described weather geeks. Competitive process for selection, with a limited number of available seats. **Students entering the 8th or 9th grade in Fall 2018** and are citizens of the United States (or hold a green card) are eligible to apply. Students will be responsible for daily transportation to and from camp. The only fee for the camp is a participation/supply fee to cover materials used in class and transportation on the light rail (\$40).

Deadline to apply: May 30, 2017

2017 NASA STEM Enhancement in Earth and Space Science Internship

<http://www.csr.utexas.edu/internship/>

STEM Enhancement in Earth and Space Science, or SEES, is a **nationally competitive summer intern program for students in grades 10 and 11**. Scientists and engineers at UT/CSR are conducting NASA-supported research in astronomy, remote sensing and space geodetic techniques to help understand Earth systems, natural hazards and climate science. The SEES project provides selected students with exposure to Earth and space research. Participants will learn how to interpret NASA satellite data while working with scientists and engineers in their chosen area of work.

The summer 2017 internship requires students to complete distance learning activities by July 15 in preparation for the on-site in Austin, Texas, July 17-29. Housing, transportation and meals will be provided. Students are selected on the basis of their academic records, written application that includes essay questions, and interest in STEM. **Applications are due April 4, 2017.**

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Resources

NASA 2017 Total Solar Eclipse Toolkit – seriously advance notice.

<http://solarsystem.nasa.gov/planets/sun/2017eclipse>

The first total solar eclipse to sweep across the entire US since 1918 is happening on 21 August 2017. The eclipse center line will enter the US crossing Oregon between Lincoln City and Newport and will exit three hours later in South Carolina between Georgetown and Charleston.

NOTE: We will see the eclipse in AZ but we are not directly under the path of a total eclipse (naturally a map is included on this page!)

Piktochart

<https://piktochart.com/>

Seth Dixon's insight: If you have students create infographics, then this is a tool that you should consider. In addition to creating infographics, this allows users to create and embed interactive maps in those infographics. This is both a baby-step into the world of GIS as well as a way to create student projects that are richly informative. Not free, sorry to say.

GeoAwsomeness Facebook Page

https://www.facebook.com/GeoAwsomeness/?hc_ref=SEARCH&fref=nf

Cool maps showing a wide variety of information.

Opportunities

Grades 8-12

Russian Summer Camp at ASU

<https://melikian.asu.edu/startalk>

A 3-week intensive summer day camp for 8th-12th graders from July 18 to August 5 on ASU's main campus in Tempe, Arizona. This is a non-residential program. Housing is not provided. Daily transportation costs are covered.

Canadian Geographic Challenge

<http://challenge.canadiangeographic.ca/en>

If you are in CANADA, consider running the "Canadian Geographic Challenge" in your school (22nd year)! It is an excellent program, well-designed, and with great perks (magazine subscriptions and medals for school winners, and the opportunity to compete at the provincial and national level).

AzGA Professional Development – More "on the map" workshops

Every Kid in a Park

<http://everykidinapark.org/> To learn more, and to get a free pass for your fourth grader

President Obama's commitment to protecting our natural treasures and ensuring all Americans have the opportunity to experience our great outdoors, the program which gives **fourth graders and their families free access to all of America's public lands and waters for a full year** has been extended for the next five years.

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Resources

Interactive Google views:

Google Global Street view – oceans

<http://www.scubadiving.com/article/news/explore-underwater-ocean-google-maps-street-view>

Google Timelapse

<https://earthengine.google.com/timelapse/>

1984 to 2016. Can be slowed or stopped, you can dial in a location. GeoSpatial Thinking: Change over Time.

What Is Kahoot?

<https://getkahoot.com/how-it-works>

Kahoot provides a game-based learning tool that can be played through most web browsers (at <http://kahoot.it>) and through our App. A Kahoot game (referred to as a “Kahoot”) consists of players answering multiple-choice questions presented on the screen of the user who hosts the particular game.

Free, but you must register and it looks like your students will have to register too. Read the privacy section. Recommended by an NGS GeoEducator for creating short learning games for use in your classroom.

Summer 2017 Professional Development

South Carolina Geographic Alliance Summer Geography Institute

Information and application form:

<http://www.scgeo.org/wp-content/uploads/2016/10/ASGI2017Application.pdf>

When: June 18-23, 2017. Where: Callcott Building -University of South Carolina, 709 Bull Street Columbia, 29208.

Fees: \$100 course registration fee (refunded upon completion)

The Geographers in the Field Institute is a field-trip based experience designed to help K-12 teachers acquire geographic concepts and content knowledge and the geospatial technology skills needed to enhance student learning of important physical, cultural, political, and economic systems. Institute participants will receive:

- 30 CEU contact hours
- geography content instruction by USC faculty
- most meals and on-campus housing (as needed)
- textbooks, software, and other relevant teaching materials
- hands-on instruction with GPS units, online GIS, and Google Earth

SC GeoAlliance: <http://www.scgeo.org/> (free to join)

SAFFORD CITY GRAHAM COUNTY LIBRARY



808 S. Seventh Ave.
Safford, AZ 85546
(928) 432-4165

The Safford City / Graham County Library offers services beyond checking out books. The Graham County School Superintendent has partnered with the library to offer homework help for students from kindergarten through college. **It's free to Graham County students.** Visit the library's homepage at www.cityofsafford.us and click on the *Homework Help* icon. This will lead you to the icon for **Tutor.com**. "Check out" this free tool and get help on any subject.

Citizens looking for help with finding a job should take advantage of the services offered by Job Skills Instructor, Kevin Hansen. Mr. Hansen offers help in finding jobs and preparing resumes. Additionally, he will help coach job seekers as they practice their interview skills. This is a great service!

The library has partnered with *First Things First* to enhance literacy skills in our youngest population. In addition to story time, parents can bring their children to the Brain Box sessions and other preschool activities scheduled throughout the year. The library has secured a grant from First Things First to fund the Imagination Library Book Club. Children ages birth through five can be signed up to receive a free, age-appropriate book in the mail each month. These are just a few of the wonderful things families can explore due to the partnerships formed by the library.

Visit the Safford City / Graham County Library in person or online!



The Safford City—Graham County Library has partnered with the Arizona State Library to bring a fabulous FREE database of eBooks to our students!

Visit www.saffordlibrary.org

On the left side of the screen, click on "TumbleBooks / eBooks for Kids

"Check out" the titles, which now include non-fiction!

The books are indexed by reading levels, grade, and lexile.

Take advantage of this valuable opportunity—it's free!

Visit the Gift Shop!

Safford City / Graham County Library

808 S. Seventh Ave.

Safford, AZ 85546 928-432-4165

Hours: Mon.—Thursday 10:00 a.m. —7:00 p.m. Closed Friday—Sunday



- Increase employment opportunities
- We pay tuition and books
- Decrease college or technical training costs

Gila Institute for Technology GIFT now registering for 2017-2018

Central Programs Offered

Cosmetology - Drafting - Health Care Professions
Licensed Nursing Assistant - Med Lab Assistant
Sports Medicine and Rehab Therapies - Welding

Individual Programs

Advanced Manufacturing - Autos - Computers
Early Childhood Education - EMT - Engineering -
Fab Lab Technician
Fire Science - Graphic Design - Industrial Electrician - Media
Law Enforcement - Medical Assistant - Pharmacy Technician

Check out our website and apply at www.gift-tech.org

**Contact your high school CTE Career Tech or school
counselor or call 928-348-3393**

Who is Eligible?

- Serving 10th, 11th, and 12th grade students in Graham and Greenlee Counties
- Must meet the program entrance requirements
- Anyone under the age of 21 without a GED or High School Diploma

Free Distance Learning Programs Available from the Phoenix Zoo

Thanks to generous funding from APS Foundation we are able to offer free distance learning programs that broadcast into your classroom. **Phoenix Zoo Distance Learning** broadcasts include live animals, engaging and inquiry-based activities that are designed to complement classroom Academic Standards. The only technology you need to receive a program from us is internet access, a projector and computer, and speakers for sound. We also do have limited funds to help with renting technology, as needed. For more information visit on our programs visit <http://phoenixzoo.org/camps-programs/outreach/>. For questions regarding the scholarships or to book a program call our Reservations Department at 602.914.4333.

Free E-Rate Consultant Services

Milan Eaton is the new "State E-Rate Coordinator for Schools" in Arizona. His goal is for every school in the state to receive a fair share of E-Rate funds through the USAC (Universal Services Administration Company). During the month of January, he plans to visit every county in the state to offer assistance with the Schools/Districts in the area. The Federal Communications Commission has recently updated its E-rate program to focus on expanding Wi-Fi networks in schools, especially small, rural schools. Mr. Eaton invites all schools and districts to visit the State E-Rate Website and join the E-Rate mailing list. His website address is: <http://www.azed.gov/erate/2014/09/10/join-our-e-rate-email-list/>

Mr. Eaton can also be reached at: Arizona Department of Education Information Technology
602-542-3595 milan.eaton@azed.gov

Updated information below



**RAISING
SUPERHEROES**
ONE ALTER-EGO AT A TIME

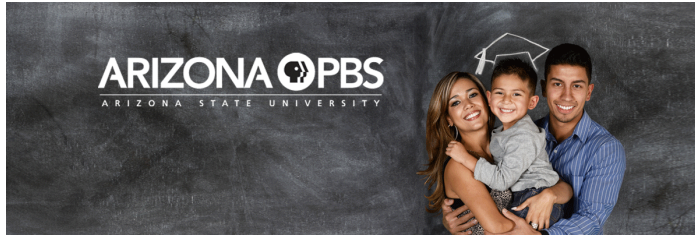
**RAISING SUPERHEROES
IN YOUR SCHOOL**
SCHOOL ASSEMBLY OR SPECIFIC GRADES

OUR GOAL:
TEACH STUDENTS THE DIFFERENCE BETWEEN
VICTIMS, VILLAINS, AND HEROES.
THEN HELP THEM DISCOVER THE HERO WITHIN!

FOR MORE INFO: WWW.SUPERHEROHANDBOOK.COM

SUPERHEROHANDBOOK@GMAIL.COM **435-216-6779**

CLASSROOM CURRICULUM NOW AVAILABLE!
TEACHERS CAN USE TOPICS IN ADDITION TO THEIR LESSONS, OR AS A STAND ALONE LESSON.



Please join in the fun at ASU Night of the Open Door @ Downtown Phoenix on Feb. 3, from 4-9 p.m. on the ASU Downtown Phoenix campus!

ASU Night of the Open Door @ Downtown Phoenix offers interactive activities, tours and a behind the scenes look into what powers a world class university. Tour the Cronkite School's state-of-the-art media complex, check out the nutrition kitchen, investigate cadavers, create your own kid-friendly comic strip and get a glimpse of the new Arizona Center for Law and Society. Whether your dream is to work in health, record your news reports or be a future public service leader – ASU Night of the Open Door @ Downtown Phoenix is pure family fun.

ASU is a foundational partner of the Arizona SciTech Festival and ASU Night of the Open Door @ Downtown Phoenix is a signature event. ASU values interactive learning and the importance of engaging learners; ASU Night of the Open Door celebrates that kids today are smart, tech savvy, and more involved in their own educational experiences than ever before!

Learn More Here! <https://opendoor.asu.edu/downtown-phoenix>



We need **YOU** to help us spread the word about the Arizona Renaissance Festival Student Days Immerse your students into the 16th century!

The Renaissance ideas that laid foundation for later inventions are still evident and influential today; Today's THINKERS, DREAMERS, INVENTORS are pushing the boundaries of what is known into the unknown; who knows what their discoveries will become?

Remember, Da Vinci knew flight was possible when no one else did...There are Da Vinci's of today just about to emerge...with new ideas and dreams for the future. SciTech and the Arizona Renaissance Festival enable students to see the connection between past, present and BEYOND!

2017 Student Day Dates
Tuesday, February 28th - Elementary Schools
Thursday, March 2nd - Jr./Sr. High Schools
Hours: 9 am - 2:30 pm

Download a Student Days Information and Order Form NOW at: <http://arizona.renfestinfo.com/wp-content/uploads/2016/11/2017-AZRF-Student-Days-ASSET.pdf>

Order by February 6, 2017 to receive 1 FREE Chaperone ticket for every 8 Student Day tickets purchased!

For more information about Student Days please visit: <http://arizona.renfestinfo.com/student-days/>

If you have questions please contact M'Lissa Clark at (520) 463-2600 x102 or marketing@renfestinfo.com.





January 30, 2017

Re: Subject Knowledge Examination Waivers

Dear Colleague:

This letter provides information regarding the State Board of Education's recent adoption of board rule R7-2-607.01 and its impact on certified teachers who were previously designated as "highly qualified" under No Child Left Behind (NCLB).

The Every Student Succeeds Act (ESSA) requires teachers in Title I schools to be "appropriately certified" through being in compliance with certification requirements established by the State of Arizona. Board rule R7-2-607(J) requires teachers in grades 6-12 whose primary assignment is an academic subject area to pass the appropriate Board adopted subject knowledge exam, and further requires these teachers to have the area(s) of demonstrated proficiency specified on their certificate.

Therefore, teachers who were designated as "highly qualified" through the AZ High, Objective, Uniform, State Standard of Evaluation (HOUSSE) rubric in a content area, or through 24 semester hours of coursework in the subject area, may not qualify as "appropriately certified" under ESSA.

To remedy this issue and promote the retention of experienced and effective teachers in core subject areas in grades 6-12, the State Board of Education adopted board rule R7-2-607.01. This rule provides a temporary grandfathering provision that allows teachers with a valid Elementary or Secondary certificate, or a Special Education certificate that includes grades 6-12, issued prior to August 1, 2016 to become "appropriately certified" in a subject, and add one or more approved subject areas to their certificate, without requiring a subject knowledge exam, if they meet the following requirements:

1. Verification from the LEA that the teacher was "highly qualified" in the subject(s) as defined by NCLB, for reason that:

- The individual was teaching in one or more subject areas based on a verified Arizona High, Objective, Uniform, State Standard of Evaluation (HOUSSE) rubric as highly qualified to teach the subject area(s) as defined under the No Child Left Behind Act; or

The individual has completed a minimum of 24 semester hours of courses in the subject area(s); and

2. Verification that the teacher's most recent evaluation was within the two highest performance classifications; and

3. Submission of an application to add the approved area on or before August 1, 2017.

Please note the transition from NCLB to ESSA does not impact teachers in grades 1-5 who are teaching in a departmentalized setting:

- Certified teachers who are teaching one or more core subject areas in a departmentalized setting in grades 1-5 are "appropriately certified" with an elementary certificate and no subject knowledge exam is required.

Certified teachers who are teaching one or more core subject areas in a departmentalized setting in grades 1-3 are "appropriately certified" with an elementary certificate or an early childhood certificate and no subject knowledge exam is required.

This action is intended to recognize the efforts of effective teachers without burdening them with additional testing requirements during the transition from NCLB to ESSA.

The application to add an approved area under Board rule R7-2-607.01 may be found here: <http://www.azed.gov/educator-certification/downloadable-certification-forms/>

Please contact ADE at 602-542-4367 or Certification@azed.gov should you have any questions.



SCHOLARSHIP OPPORTUNITIES

TALK WITH US | AZFOUNDATION.ORG

Online scholarship application now open

The Arizona Community Foundation invites high school seniors and current college students throughout Arizona to apply for more than 90 scholarship awards. With the completion of just one online application, students are automatically matched with all of the awards for which they qualify. High school seniors, current college students, or graduate level students attending schools anywhere in the U.S. can apply. Scholarships are available for two-year and four-year colleges and universities as well as technical and vocational schools.

The general application for the 2017-18 academic year is now live. Progress in completing the application can be saved so that students can work on their submission over time. Interested students are advised to apply early in order to be considered for the most awards. Each award has its own deadline, with some closing as early as February and some as late as May.

Through its family of scholarship funds, the Arizona Community Foundation is Arizona's largest private provider of college scholarships. Last year, nearly \$1.7 million was awarded to thousands of Arizona students to pursue their higher education goals at a wide range of colleges, from the Maricopa Community Colleges and Arizona's three universities to Georgetown University, Boston University, Oregon State University and the University of Hawaii, among many others. Eligibility criteria for each scholarship award varies and may include financial need, merit, geographic area or field of study.

To learn more and begin the general application online, visit www.azfoundation.org/scholarships. And please share this news with all of the college-going students you know!

For your students:

Barbara Petchenik Children's World Map Drawing Competition

<http://icaci.org/petchenik/> for full contest rules Get your students involved in creating maps of their own. This contest is open to children 15 years of age and under (categories for age groups under 6 yrs, 6-8, 9-12, over 12) Use of technology and arts and craft materials are equally acceptable. The theme for the competition and for the International Cartographic Association conferences in 2017 and 2019 is "We love maps." Must be received by May 1, 2017.

Arizona Central Credit Union's CU Scholarship

<http://www.azcentralcu.org/home/other/scholarships>

For 2017 graduating high school senior

Two worthy recipients will receive a scholarship valued up to \$8,000 each.

Application deadline: May 12, 2107.

Graham County P.O.W.W.O.W. Farmer's Market



2016—2017

Produce Distribution

Home Depot Parking Lot—Thatcher

To Pre-register and for information

Please Call—

928-792-5368

- \$10 contribution (Cash Only) to shop for 60 lbs. of fresh, nutritious produce.
- Pre-register for a P.O.W.W.O.W. ID card.
- ID Card required for participation. Can obtain day of P.O.W.W.O.W.
- No income qualifications.
- Not required to accept all produce but cannot substitute one variety for another.
- Boxes available to shop for your produce.
- Handicap Accessible.

Home Depot Parking Lot

The fourth Wednesday of every month starting in December.

February 22nd - 11:00 a.m. to 2:30 p.m.

March 22nd - 9:00 a.m. to 12:00 noon

April 19th - 9:00 a.m. to 12:00 noon

May 24th - 9:00 a.m. to 12:00 noon

Distribution Site

Home Depot Parking Lot

Produce On Wheels With Out Waste

A program of Borderlands Food Bank a Division of Diabetes Prevention and Aid Fund.
The original \$10 for 60 lbs. of fresh, nutritious produce program.

For more information: Hotline: 800-551-6764

www.borderlandsfoodbank.org <http://facebook.borderlandsfoodbank.org>

Graham County Health Department—HAPI Program

Local Phone number 928-792-5368

Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Freeport-McMoRan Mini-Grants for Education

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2017 (window: May 1-Oct.1)

Link: <http://www.freeportinmycommunity.com/schools/mini-grants>

Name: Arthur Vining Davis Foundations **Who:** Projects for improving teaching

Amount: \$100,000-\$200,000

Deadline: Rolling

Description: Projects may cover a wide range of initiatives intended to improve teaching. For example, projects might be designed to improve professional development for in-service and pre-service teachers, strengthen teaching skills, support practical research in teacher and high school education, or encourage innovative use of technology and new techniques for presentation of classroom materials in high schools

Link: www.avdf.org

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site.

Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to Donors Choose.org and start your own account. The

Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Name: JP Morgan Chase Grants

Who: Open for non-profit organizations

Amount: Varies

Deadline: Rolling

Description: Create Pathways to Opportunity - a holistic approach to ensure that individuals have access to the knowledge, skills, resources, and capital they need to secure their futures and compete in the global economy.

Link: <http://www.jpmorganchase.com/corporate/Corporate-Responsibility/grant-programs.htm>

Professional Development Opportunities/ Grant Funding Alerts

Name: Annenberg Foundation

Who: Areas of arts, culture and humanities, civic and community, environment, education, and human health and wellness

Amount: \$10,000 - \$100,000

Deadline: Rolling

Link: <http://www.annenbergfoundation.org/grantmaking/how-to-apply>

Find the Funding That's Right for Your Needs

GetEdFunding is a free and fresh grant-finding re-source, dedicated to helping educators and institutions identify the funding they need in budget-tight times.

GetEdFunding hosts a collection of thousands of grants and opportunities culled from federal, state, regional, and community sources and is available to public and private pre-K–12 schools, districts, and educators. Higher education institutions and nonprofit organizations that work with them are also included.

Get Started Now!

Name: Ceres Foundation Grants

Who: For benefit of disadvantaged youth and vulnerable families

Amount: Up to \$240,000

Deadline: Rolling

Description: To expand opportunities for disadvantaged youth and vulnerable families to develop and make full use of their potential, so that they will be able to earn decent livings, enjoy healthy relationships, pursue their ambitions, and participate in their communities.

Link: <http://foundationcenter.org/grantmaker/ceres/>

Through the Arizona Substance Abuse Block Grant, the Governor's Office of Youth, Faith and Family (GOYFF) will focus on bringing deeper and more impactful substance use prevention and early intervention services to youth throughout the state directly through their high schools.

GOYFF will make funding available directly to high schools through a competitive Request for Grant Application process. Be sure to log into <https://procure.az.gov/bsa/>



CDC and SHAPE America have developed new resources for recess in schools. These resources will help schools develop a written recess plan and use evidence-based strategies for recess to increase students' physical activity and improve their academic achievement.

The Strategies for Recess in Schools provides schools with evidence-based strategies for planning and providing recess in schools. The Recess Planning in Schools: A Guide to Putting Strategies for Recess into Practice helps schools develop a written recess plan that integrates the evidence-based strategies. There also is a Recess Planning Template that

schools can use to customize what is included in the recess plan to reflect their existing priorities and make recess decisions that support the unique culture of their school.

These resources are designed for state and school district leaders that provide technical assistance and professional development on recess to physical education teachers, classroom teachers, recess and playground supervisors, support staff, school administrators, parent-teacher organizations, school health coordinators, school health advisory councils, parents, national organizations, and anyone interested in supporting recess in schools.

New Recess Resources

- ⇒ [*Strategies for Recess in Schools*](#)—Describes evidence-based strategies for planning and providing recess in schools.
- ⇒ [*Recess Planning in Schools*](#)—Helps schools develop a written recess plan.
- ⇒ [*Recess Planning Template*](#)—Customizable template for schools to use to document the strategies they will use in their school recess plan.
- ⇒ Visit [*SHAPE America's website*](#) and download additional resources that can help schools address the evidence-based strategies for recess.

Take Action!

States and districts can collaborate with state or district organizations (e.g., Action for Healthy Kids, Alliance for a Healthier Generation, SHAPE America affiliates) to promote recess in schools, train school staff on how to use these resources, and share [*Ideas for Parents: Recess*](#) directly with parents.

Schools and school groups can use [*Strategies for Recess in Schools*](#) to identify the evidence-based strategies for planning and providing recess in schools and use the [*Recess Planning in Schools: A Guide to Putting Strategies for Recess into Practice*](#) and the [*Recess Planning Template*](#) to help schools develop a written recess plan.

Parents can use [*Ideas for Parents: Recess*](#) to work with schools and advocate for providing and improving recess in their children's schools.

This information was provided by Laura Rogers, Graham County Health Department

Arizona Educational Acronyms

Courtesy of the Yavapai County Education Service Agency (YCESA)

A—continued from January 2017

ARSA- Arizona Rural Schools Association

ASA – Arizona School Administrators

ASBA- Arizona School Boards Association

ASU - Arizona State University

AT - Assistive Technology

ATRA – Arizona Tax Research Association

AZ-TAP - Arizona Technology Access Program

B

BHS - Behavioral Health Services

BIP - Behavior Intervention Plan

C

CAC – Certification Advisory Committee

CEC - Council for Exceptional Children

CEP – Collaborative Education Partners

CSPD - Comprehensive System of Personnel Development

CSS- County School Superintendent OR Catholic Social Service

CTE- Career and Technical Education

D

DDD - Division of Developmental Disabilities

DSI - Dual Sensory Impairments

E

ED - Emotional Disability

EDGAR – Education Department General Administrative Regulations

ELA – English Language Arts

ERAU – Embry Riddle Aeronautical University

ESA – Education Service Agency OR Empowerment Scholarship Account